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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: MATSUZAKI, Yasurou et al.

Group Art Unit: 2631

Serial No.: 10/006,238

Examiner: M. H. GHAYOUR

Filed: December 10, 2001

P.T.O. Confirmation No.: 9949

For: SEMICONDUCTOR DEVICE WITH CIRCUITRY FOR EFFICIENT
INFORMATION EXCHANGE

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

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Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 5, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP



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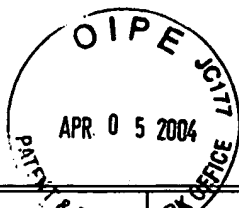
WLB/mla
Atty. Docket No. **011644**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449
References (4)
Copy of European Patent Office Communication



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 011644	Serial No. 10/006,238
	Applicant(s): MATSUZAKI, Yasurou et al.	
	Filing Date: December 10, 2001	Group Art Unit: 2631

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	5,930,197	Ishibashi et al.	07/27/1999	365	233	RECEIVED APR 06 2004 Technology Center 2600
_____	AB	5,594,762	Joo et al.	01/14/1997	375	371	
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_____	AE						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	0 373 492	06/20/1990	Europe	Yes
_____	AG	0 961 223	12/01/1999	Europe	Yes
_____	AH				
_____	AI				
_____	AJ				

OTHER DOCUMENTS

_____	AK	Copy of European Patent Office Communication including European Search Report for corresponding European Patent Application 01310305 dated March 9, 2004.
_____	AL	
Examiner		Date Considered